ABSTRACT

Data transmission across a computer network is disclosed, comprising: creating a plurality of tunnels across a computer network to connect a first computer to a second computer, the plurality of tunnels including a tunnel for each link in a link aggregation of a plurality of transmission protocols; connecting a first computer at a first site with a second computer at a second site, the connection made via the computer network; and transmitting packets end-to-end from the first computer to the second computer in a manner characterized that the computer network preserves a connection from the first computer to the second computer without terminating the connection at the inbound edge of the computer network, the packets conforming to protocols in the plurality of transmission protocols.